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| _ | Application No. | Applicant(s)   |
|---|-----------------|----------------|
|   | 09/695,140      | TAKESUE ET AL. |
|   | Examin r        | Art Unit       |
|   | David Buttner   | 1712           |

| Rejected | _ | (Through numeral)<br>Cancelled |
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| Allowed  | ÷ | Restricted                     |

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| Claim Date |          |         | Claim Date |           |        |          |             |        |       |       | С        | laim | Date          |        |        |   |                  |         |       |          |  |        |          |        |        |        |        |  |               |
|------------|----------|---------|------------|-----------|--------|----------|-------------|--------|-------|-------|----------|------|---------------|--------|--------|---|------------------|---------|-------|----------|--|--------|----------|--------|--------|--------|--------|--|---------------|
| Final      | Original | <0/8/17 |            |           |        |          |             | 0      |       | Final | Original |      |               |        |        |   |                  |         | Final | Original |  |        |          |        |        |        |        |  |               |
|            | 1        | 4       | +          | +         | +      | +        | _           | +      | -     |       | 51       |      | +             | +-     | +      | +   | $\vdash$         | -       |       | 101      |  | H      | $\dashv$ | _      | ᅦ      | _      | -      |  |               |
|            | 2        |         |            | $\top$    | $\Box$ |          | $\neg$      |        | 7     |       | 52       |      | Ì             |        |        |   |                  |         |       | 102      |  | П      |          |        |        |        |        |  | $\overline{}$ |
|            | 3        |         |            | _         | $\Box$ |          |             |        | 7     |       | 53       |      |               |        |        |   | Ħ                |         |       | 103      |  | П      | $\neg$   |        |        |        | $\Box$ |  |               |
|            | 4        |         |            | $\top$    | $\Box$ | $\dashv$ | 7           |        | 7     |       | 54       |      |               | $\top$ |        |   |                  | 7       |       | 104      |  | П      | $\neg$   |        |        | $\neg$ |        |  |               |
| -          | 5        |         |            | 十         | H      |          | 一           |        | 7     |       | 55       |      |               |        |        | $\top$  | $\Box$           | <b></b> |       | 105      |  | $\Box$ | $\neg$   | 寸      | $\neg$ | $\neg$ | $\neg$ |  |               |
|            | 6        |         |            | $\top$    | П      |          |             | $\neg$ | 7     |       | 56       |      | 1             | $\top$ |        |   | $\Box$           | 7       |       | 106      |  | П      | 一        |        |        | 一      | ヿ      |  |               |
|            | 7        |         |            |           | $\Box$ |          |             |        | 7!!!! |       | 57       |      |               |        |        | 丁   |                  |         |       | 107      |  |        |          |        |        |        |        |  |               |
|            | 8        |         |            | 1         | $\Box$ | T        | T           | 丁      | 7     |       | 58       |      |               |        |        | T   | П                |         |       | 108      |  | П      | T        |        | T      |        |        |  |               |
|            | 9        |         |            | $\top$    |        | $\sqcap$ | $\neg \top$ | $\neg$ | 7     |       | 59       |      |               | 1      |        |   |                  |         |       | 109      |  |        |          | Ī      |        |        |        |  |               |
|            | 10       |         |            | $\top$    |        | $\neg$   | $\neg$      | $\neg$ | 7     |       | 60       |      |               | 1      |        |   |                  |         |       | 110      |  |        | Ī        |        |        |        |        |  |               |
|            | 11       |         |            | 丅         |        | 丁        | $\exists$   | $\neg$ | 7     |       | 61       |      |               | $\top$ |        |   | П                |         |       | 111      |  |        |          |        |        |        |        |  |               |
|            | 12       | v       |            |           |        |          |             |        |       |       | 62       |      |               |        |        | 1   |                  |         |       | 112      |  |        |          |        |        |        |        |  |               |
|            | 13       | 6       |            |           |        |          | 一           |        |       |       | 63       |      |               |        |        |   |                  |         |       | 113      |  |        |          |        |        | $\Box$ |        |  |               |
|            | 14       | V       |            |           |        |          |             |        |       |       | 64       |      |               |        |        |   | $\Box^{\dagger}$ |         |       | 114      |  |        | $\Box$   | $\Box$ |        |        |        |  |               |
|            | 15       | ~       |            | $\top$    |        |          | $\neg$      |        | 7:::: |       | 65       |      |               |        |        |   | П                | ]::::   |       | 115      |  |        | $\Box$   |        |        |        |        |  |               |
| -          | 16       | 4       |            | 1         | 1 1    |          |             |        | 7:::: |       | 66       | П    |               | 1      |        |   | $\Box$           |         |       | 116      |  |        |          | $\neg$ |        |        |        |  | _             |
|            | 17       | 0       |            | <b>—</b>  | $\Box$ |          | $\neg$      |        | 7     |       | 67       | П    |               | 1      |        |   |                  |         |       | 117      |  | П      |          |        |        |        | $\neg$ |  | Π             |
|            | 18       | 8       |            | $\top$    |        |          |             |        | 7     |       | 68       |      |               |        |        |   |                  |         |       | 118      |  | П      |          | $\neg$ |        |        | $\neg$ |  | Τ             |
|            | 19       | 1       |            | 1         | T      |          |             |        | 7     |       | 69       |      | $\neg$        |        |        |   |                  |         |       | 119      |  |        |          |        |        |        |        |  |               |
|            | 20       | 1       |            |           | $\Box$ |          |             |        | 7     |       | 70       |      |               |        |        | 1   | П                |         |       | 120      |  | П      |          |        |        |        |        |  | _             |
| -          | 21       | 0       |            | $\top$    | $\Box$ | $\neg$   |             |        | 7     |       | 71       |      |               |        | $\Box$ | 7   |                  |         |       | 121      |  | П      | 一        | T      |        |        | T      |  |               |
|            | 22       | 1       |            | 1         | T      |          |             |        | 7!!!! |       | 72       | П    | $\top$        | 1      |        |   |                  |         |       | 122      |  | П      | ヿ        |        |        |        |        |  | _             |
|            | 23       | 1       |            |           | П      |          |             |        | 7     |       | 73       |      |               |        |        |   | П                |         |       | 123      |  | 1      |          | ヿ      |        |        |        |  |               |
|            | 24       | 1       |            |           |        | $\neg$   | 一           |        | 7     |       | 74       |      |               |        |        | 1   |                  |         |       | 124      |  |        |          |        |        |        | $\neg$ |  | _             |
|            | 25       |         |            |           |        |          |             |        | 7     |       | 75       |      |               |        |        |   |                  |         |       | 125      |  |        |          |        |        |        |        |  | _             |
|            | 26       |         |            | T         |        |          |             |        | 7     |       | 76       |      |               |        |        |   | П                |         |       | 126      |  | П      | T        |        |        | T      |        |  |               |
|            | 27       |         |            | 1         |        |          |             | $\neg$ | 7     |       | 77       |      | $\top$        |        |        |   | П                |         |       | 127      |  |        | П        |        |        |        |        |  | П             |
|            | 28       |         |            | $\top$    | $\Box$ | $\neg$   |             |        | 7     |       | 78       |      |               |        |        | 1   | П                |         |       | 128      |  |        | $\Box$   | _      |        |        |        |  | _             |
|            | 29       |         |            |           | 1 1    |          |             |        | 7     |       | 79       |      | $\neg \vdash$ | İ      |        |   |                  |         |       | 129      |  | П      | ヿ        | $\Box$ |        |        |        |  |               |
|            | 30       |         |            |           | 1 1    |          |             |        | 7     |       | 80       |      |               |        |        | $\top$  | П                |         |       | 130      |  |        | 一        |        |        | T      |        |  |               |
|            | 31       |         |            | $\top$    |        |          |             |        | 7     |       | 81       |      |               |        |        |   | П                |         |       | 131      |  | П      | T        |        | Ī      |        | $\Box$ |  |               |
|            | 32       |         |            | T         |        |          |             | i      | 7     |       | 82       |      |               |        |        |   | П                |         |       | 132      |  |        |          |        |        |        |        |  | _             |
|            | 33       |         |            |           | П      |          |             |        | 7:::: |       | 83       |      |               |        |        | $\top$  | П                |         |       | 133      |  |        |          |        |        |        |        |  | Π             |
|            | 34       |         |            |           | П      |          | $\neg$      |        | 7     |       | 84       |      |               |        |        | T   |                  |         |       | 134      |  |        |          |        |        |        |        |  | _             |
|            | 35       |         |            |           | П      | $\Box$   |             | $\neg$ | 7     |       | 85       |      |               |        |        |   |                  |         |       | 135      |  |        |          |        |        |        |        |  |               |
|            | 36       |         |            |           |        |          |             |        | 7     |       | 86       |      |               |        |        |   |                  |         |       | 136      |  |        |          |        |        |        |        |  |               |
|            | 37       |         |            |           | П      |          | $\neg$      |        | 7     |       | 87       |      |               |        |        |   |                  |         |       | 137      |  |        |          |        |        | [      |        |  |               |
|            | 38       |         |            |           | Т      |          |             |        | 7     |       | 88       |      |               |        |        |   |                  |         |       | 138      |  |        |          |        |        |        |        |  |               |
|            | 39       |         |            |           |        |          | $_{ m I}$   |        |       |       | 89       |      |               |        |        |   |                  |         |       | 139      |  |        | $\Box$   |        |        |        |        |  |               |
|            | 40       |         |            |           |        |          | $\Box T$    |        |       |       | 90       |      |               |        |        | $oldsymbol{oldsymbol{\Box}}$                      |                  |         |       | 140      |  |        | $\Box$   |        |        | ┚      |        |  |               |
|            | 41       |         |            |           |        |          | $oxed{T}$   |        |       |       | 91       |      |               |        |        | $\mathbf{I}^{-}$                                  |                  |         |       | 141      |  |        | $\Box$   | $\Box$ |        |        |        |  |               |
|            | 42       |         |            |           |        |          | $\Box$      |        |       |       | 92       |      |               |        |        |   | $\Box$           |         |       | 142      |  |        | ┚        |        |        |        |        |  |               |
|            | 43       |         |            |           |        |          | T           |        |       |       | 93       |      |               |        |        |   |                  |         |       | 143      |  |        | $\Box$   | $\Box$ |        |        |        |  |               |
|            | 44       |         |            |           | $\Box$ |          | $\Box$      |        |       |       | 94       |      |               |        |        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                  |         |       | 144      |  |        | $\Box$   |        |        |        |        |  | _             |
|            | 45       |         |            |           |        |          |             |        |       |       | 95       |      | Т             |        |        | T   |                  |         |       | 145      |  | 1      |          |        |        |        | $\Box$ |  |               |
|            | 46       |         |            | T         | $\Box$ |          |             |        |       |       | 96       |      |               |        |        | $\Box$  |                  |         |       | 146      |  |        |          |        |        | $\Box$ | $\Box$ |  | _             |
|            | 47       |         |            | I         |        | $\Box$   |             |        | ]     |       | 97       |      |               |        |        |   |                  |         |       | 147      |  |        |          |        |        | $\Box$ | J      |  |               |
|            | 48       |         |            |           |        | J        |             |        | 7     |       | 98       |      |               |        |        |   |                  |         |       | 148      |  |        |          |        |        |        | T      |  |               |
|            | 49       |         |            | $oxed{T}$ |        |          | $\Box$      |        |       |       | 99       |      |               |        |        |   | $\Box$           |         |       | 149      |  |        | $\Box$   |        | $\Box$ |        |        |  |               |
|            | 50       |         |            |           |        |          | T           |        |       |       | 100      |      | $\Box$        |        |        |   |                  |         |       | 150      |  |        | T        |        | 7      |        | T      |  |               |